

## WEST Search History

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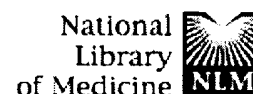
*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR*

L13	L12 AND antibody	42	L13
L12	L10 AND amyloid	48	L12
L11	L10 AND amyloid-precursor-protein	0	L11
L10	BACE	217	L10

*DB=USPT,PGPB; PLUR=YES; OP=OR*

L9	L8 AND BACE\$	39	L9
L8	((435/6  435/7.1  435/7.2  435/29 )!.CCLS. )	19409	L8
L7	L6 AND BACE	7	L7
L6	((424/126.1  424/130.1  424/141.1  424/146.1  424/178.1 )!.CCLS. )	1838	L6
L5	Price-Donald-L.IN.	5	L5
L4	Cai-Huaibin.IN.	1	L4
L3	Wong-Philip-C.IN.	2	L3
L2	L1 AND Philip.IN.	69	L2
L1	(Wong.IN.)	4925	L1

END OF SEARCH HISTORY



PubMed	Nucleotide	Protein	Genome	Structure	PMC	Taxonomy	OMIM	Bo
Search PubMed	for BACE AND amyloid AND antibody						Go	Clear
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- ☐ **1:** [Luthi U, Schaerer-Brodbeck C, Tanner S, Middendorp O, Edler K, Barberis A.](#) Related Article  
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PMID: 12595086 [PubMed - in process]
- ☐ **2:** [Kopcho LM, Ma J, Marcinkeviciene J, Lai Z, Witmer MR, Cheng J, Yanchunas J, Tredup J, Corbett M, Calambur D, Wittekind M, Paruchuri M, Kothari D, Lee G, Ganguly S, Ramamurthy V, Morin PE, Camac DM, King RW, Lasut AL, Harold Ross O, Hillman MC, Fish B, Shen K, Dowling RL, Kim YB, Graciani NR, Collins D, Combs AP, George H, Thompson LA, Copeland RA.](#) Related Article  
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- ☐ **7:** Lee EB, Skovronsky DM, Abtahian F, Doms RW, Lee VM. Related Article  
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FILE 'HOME' ENTERED AT 17:07:28 ON 24 FEB 2003

=> file CAPLUS

=> s beta-site APP-cleaving enzyme 1

1171187 BETA

1317 BETAS

1171253 BETA

(BETA OR BETAS)

472852 SITE

441381 SITES

777345 SITE

(SITE OR SITES)

563810 APP

3619 APPS

565584 APP

(APP OR APPS)

9126 CLEAVING

2 CLEAVINGS

9127 CLEAVING

(CLEAVING OR CLEAVINGS)

666030 ENZYME

377116 ENZYMES

835118 ENZYME

(ENZYME OR ENZYMES)

7441067 1

L1 5 BETA-SITE APP-CLEAVING ENZYME 1

(BETA(W)SITE(W)APP(W)CLEAVING(W)ENZYME(W)1)

=> D L1 1-5

L1 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS

AN 2002:893561 CAPLUS

TI .beta.-Secretase (BACE) as a drug target for alzheimer's disease

AU Vassar, Robert

CS Department of Cell and Molecular Biology, Northwestern University Medical School, Chicago, IL, 60611, USA

SO Advanced Drug Delivery Reviews (2002), 54(12), 1589-1602

CODEN: ADDREP; ISSN: 0169-409X

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2003 ACS

AN 2002:814910 CAPLUS

DN 137:334041

TI Methods for producing .beta.-secretase transgenic mice, anti-.beta.-secretase antibodies, and their uses in screening drugs for treating neurodegenerative diseases

IN Wong, Philip C.; Cai, Huaibin; Price, Donald L.

PA USA

SO U.S. Pat. Appl. Publ., 34 pp., Cont.-in-part of U.S. Ser. No. 708,096.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002157122	A1	20021024	US 2001-3630	20011029
PRAI	US 2000-244051P	P	20001027		
	US 2000-708096	A2	20001103		

L1 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2003 ACS

AN 2002:449209 CAPLUS

DN 137:307722

TI A non-amyloidogenic function of BACE-2 in the secretory pathway

AU Fluhrer, Regina; Capell, Anja; Westmeyer, Gil; Willem, Michael; Hartung, Bianka; Condron, Margaret M.; Teplow, David B.; Haass, Christian; Walter, Jochen

CS Adolf Butenandt-Institute, Department of Biochemistry, Laboratory for Alzheimer's and Parkinson's Disease Research, Ludwig-Maximilians-University, Munich, 80336, Germany

SO Journal of Neurochemistry (2002), 81(5), 1011-1020  
CODEN: JONRA9; ISSN: 0022-3042

PB Blackwell Science Ltd.

DT Journal

LA English

RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2003 ACS

AN 2001:846151 CAPLUS

DN 136:100021

TI The .beta.-secretase, BACE. A prime drug target for Alzheimer's disease

AU Vassar, Robert

CS Department of Cell and Molecular Biology, Northwestern University Medical  
School, Chicago, IL, 60611, USA

SO Journal of Molecular Neuroscience (2001), 17(2), 157-170

CODEN: JMNEES; ISSN: 0895-8696

PB Humana Press Inc.

DT Journal; General Review

LA English

RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2003 ACS

AN 2001:159878 CAPLUS

DN 134:339103

TI Mice deficient in BACE1, the Alzheimer's .beta.-secretase, have normal  
phenotype and abolished .beta.-amyloid generation

AU Luo, Yi; Bolon, Brad; Kahn, Steve; Bennett, Brian D.; Babu-Khan, Safura;  
Denis, Paul; Fan, Wei; Kha, Hue; Zhang, Jianhua; Gong, Yunhua; Martin,  
Laura; Louis, Jean-Claude; Yan, Qiao; Richards, William G.; Citron,  
Martin; Vassar, Robert

CS Amgen, Thousand Oaks, CA, 91320, USA

SO Nature Neuroscience (2001), 4(3), 231-232

CODEN: NANEFN; ISSN: 1097-6256

PB Nature America Inc.

DT Journal

LA English

RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> S BACE1

L2 86 BACE1

=> S L2 AND amyloid

15245 AMYLOID

1512 AMYLOIDS

15319 AMYLOID

(AMYLOID OR AMYLOIDS)

L3 26 L2 AND AMYLOID

=> D L3 1-26

L3 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2003 ACS

AN 2003:37151 CAPLUS

TI Amyloidogenic processing of the Alzheimer .beta.- \*\*\*amyloid\*\*\*  
precursor protein depends on lipid rafts

AU Ehehalt, Robert; Keller, Patrick; Haass, Christian; Thiele, Christoph;  
Simons, Kai

CS Max Planck Institute of Molecular Cell Biology and Genetics, Dresden,  
D-01307, Germany

SO Journal of Cell Biology (2003), 160(1), 113-123

CODEN: JCLBA3; ISSN: 0021-9525

PB Rockefeller University Press

DT Journal

LA English

RE.CNT 67 THERE ARE 67 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS

AN 2002:913849 CAPLUS

TI Emerging Alzheimer's disease therapies: inhibition of .beta.-secretase

AU Citron, Martin

CS Department of Neuroscience, M/S 29-2-B, Amgen Inc., One Amgen Center  
Drive, Thousand Oaks, CA, 91320, USA

SO Neurobiology of Aging (2002), 23(6), 1017-1022

CODEN: NEAGDO; ISSN: 0197-4580

PB Elsevier Science Inc.  
DT Journal  
LA English

L3 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:908578 CAPLUS  
TI Enzymic properties of recombinant BACE2  
AU Kim, Yong-Tae; Downs, Deborah; Wu, Shili; Dashti, Azar; Pan, Yujun; Zhai, Peng; Wang, Xinjuan; Zhang, Xuejun C.; Lin, Xinli  
CS Functional Proteomics Laboratory and Crystallography Program, Oklahoma Medical Research Foundation, Oklahoma City, OK, 73104, USA  
SO European Journal of Biochemistry (2002), 269(22), 5668-5677  
CODEN: EJBCAI; ISSN: 0014-2956  
PB Blackwell Science Ltd.  
DT Journal  
LA English  
RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:893561 CAPLUS  
TI .beta.-Secretase (BACE) as a drug target for alzheimer's disease  
AU Vassar, Robert  
CS Department of Cell and Molecular Biology, Northwestern University Medical School, Chicago, IL, 60611, USA  
SO Advanced Drug Delivery Reviews (2002), 54(12), 1589-1602  
CODEN: ADDREP; ISSN: 0169-409X  
PB Elsevier Science B.V.  
DT Journal  
LA English  
RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:849607 CAPLUS  
DN 137:353007  
TI Preparation of .beta.-carboline and other inhibitors of BACE-1 aspartic proteinase useful against Alzheimer's and other BACE-mediated diseases  
IN Bhisetti, Govinda R.; Saunders, Jeffrey O.; Murcko, Mark A.; Lepre, Christopher A.; Britt, Shawn D.; Come, Jon H.; Deninger, David D.; Wang, Tianshang  
PA Vertex Pharmaceuticals Incorporated, USA  
SO PCT Int. Appl., 208 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002088101	A2	20021107	WO 2002-US13741	20020429
	WO 2002088101	A3	20030103		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2001-287169P	P	20010427		
	US 2001-301049P	P	20010626		
	US 2001-342263P	P	20011218		
OS	MARPAT 137:353007				

L3 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:842994 CAPLUS  
DN 138:104539  
TI .beta.-Secretase as a target for the treatment of Alzheimer's disease  
AU Citron, Martin  
CS Department of Neuroscience, Amgen Inc., Thousand Oaks, CA, 91320, USA  
SO Journal of Neuroscience Research (2002), 70(3), 373-379  
CODEN: JNREDK; ISSN: 0360-4012  
PB Wiley-Liss, Inc.  
DT Journal; General Review

LA English  
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:819567 CAPLUS  
DN 138:53304  
TI Alzheimer's .beta.-secretase and glycan-chains  
AU Kitazume, Shinobu; Hashimoto, Yasuhiro; Saido, Takaomi  
CS Glyco-Chain Func. Lab., RIKEN, wako, 351-0198, Japan  
SO Baioisaiensu to Indasutori (2002), 60(10), 685-686  
CODEN: BIDSE6; ISSN: 0914-8981  
PB Baioindasutori Kyokai  
DT Journal; General Review  
LA Japanese

L3 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:818676 CAPLUS  
DN 138:87888  
TI Failure of the interaction between presenilin 1 and the substrate of  
.gamma.-secretase to produce A.beta. in insect cells  
AU Pitsi, Didier; Kienlen-Campard, Pascal; Octave, Jean-Noel  
CS Laboratoire de pharmacologie experimentale, Universite catholique de  
Louvain, Brussels, Belg.  
SO Journal of Neurochemistry (2002), 83(2), 390-399  
CODEN: JONRA9; ISSN: 0022-3042  
PB Blackwell Science Ltd.  
DT Journal  
LA English

RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:814910 CAPLUS  
DN 137:334041  
TI Methods for producing .beta.-secretase transgenic mice,  
anti-.beta.-secretase antibodies, and their uses in screening drugs for  
treating neurodegenerative diseases  
IN Wong, Philip C.; Cai, Huaibin; Price, Donald L.  
PA USA  
SO U.S. Pat. Appl. Publ., 34 pp., Cont.-in-part of U.S. Ser. No. 708,096.  
CODEN: USXXCO  
DT Patent  
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002157122	A1	20021024	US 2001-3630	20011029
PRAI	US 2000-244051P	P	20001027		
	US 2000-708096	A2	20001103		

L3 ANSWER 10 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:676304 CAPLUS  
DN 137:180800  
TI Transgenic knockouts of BACE-1 gene in mouse  
IN McConlogue, Lisa C.; Gurney, Mark E.  
PA Elan Pharmaceuticals, Inc., USA; Pharmacia & Upjohn Company  
SO PCT Int. Appl., 39 pp.  
CODEN: PIXXD2  
DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002068955	A1	20020906	WO 2002-US5639	20020222
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2001-271092P	P	20010223		



US 2001-271514P P 20010226  
US 2001-293762P P 20010225  
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 11 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:465724 CAPLUS  
DN 137:46063  
TI .beta.-Secretase transgenic mouse and anti-.beta.-secretase antibodies:  
diagnosis and therapy of Alzheimer's disease  
IN Wong, Philip C.; Cai, Huabin; Price, Donald L.  
PA The Johns Hopkins University School of Medicine, USA  
SO PCT Int. Appl., 94 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002047466	A2	20020620	WO 2001-US50771	20011029
	W:	AM, AT, BA, BR, BY, BZ, CH, CN, CU, CZ, DK, DM, ES, FI, GB, HR, HU, ID, IL, IN, KG, KR, LK, LR, LT, LU, MD, MG, MW, PH, PL, RO, RU, SD, SE, SI, SK, TJ, TM, TR, TT, TZ, VN, ZA, AM, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, BE, CY, DK, ES, FI, GB, GR, IE, NL, PT, CG, CI, GA, GN, MR, NE, SN, TD, TG			
	AU 2002043391	A5	20020624	AU 2002-43391	20011029
PRAI	US 2000-244051P	P	20001027		
	US 2000-708096	A	20001103		
	WO 2001-US50771	W	20011029		

L3 ANSWER 12 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:465395 CAPLUS  
DN 137:229664  
TI \*\*\*BACE1\*\*\* interacts with nicastrin  
AU Hattori, Chinatsu; Asai, Masashi; Oma, Yoko; Kino, Yoshihiro; Sasagawa, Noboru; Saïdo, Takaomi C.; Maruyama, Kei; Ishiura, Shoichi  
CS Department of Life Sciences, University of Tokyo, Graduate School of Arts and Sciences, Meguro-ku, Tokyo, 153-8902, Japan  
SO Biochemical and Biophysical Research Communications (2002), 293(4), 1228-1232  
CODEN: BBRCA9; ISSN: 0006-291X  
PB Elsevier Science  
DT Journal  
LA English  
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 13 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:445137 CAPLUS  
DN 137:136786  
TI Splice variants of the .beta.-site APP-cleaving enzyme \*\*\*BACE1\*\*\* in human brain and pancreas  
AU Ehehalt, Robert; Michel, Beate; De Pietri Tonelli, Davide; Zacchetti, Daniele; Simons, Kai; Keller, Patrick  
CS Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, D-01307, Germany  
SO Biochemical and Biophysical Research Communications (2002), 293(1), 30-37  
CODEN: BBRCA9; ISSN: 0006-291X  
PB Elsevier Science  
DT Journal  
LA English  
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 14 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:323722 CAPLUS  
DN 137:210257  
TI Inhibition of BACE, a promising approach to Alzheimer's disease therapy  
AU Roggo, Silvio  
CS Therapeutic Area Nervous System, Pharma Research, Novartis Pharma AG, Basel, CH-4056, Switz.  
SO Current Topics in Medicinal Chemistry (Hilversum, Netherlands) (2002), 2(4), 359-370  
CODEN: CTMCCJ; ISSN: 1568-0266  
PB Bentham Science Publishers Ltd.  
DT Journal; General Review

LA English

RE.CNT 99 THERE ARE 99 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 15 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:112503 CAPLUS  
DN 136:292413  
TI Perspectives: Biomedicine: A cargo receptor mystery APParently solved?  
AU Sisodia, Sangram S.  
CS Center Molecular Neurobiology, Chicago, IL, 60637, USA  
SO Science (Washington, DC, United States) (2002), 295(5556), 805-807  
CODEN: SCIEAS; ISSN: 0036-8075  
PB American Association for the Advancement of Science  
DT Journal; General Review  
LA English  
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 16 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:922289 CAPLUS  
DN 137:18699  
TI Presence of \*\*\*BACE1\*\*\* and BACE2 in muscle fibres of patients with sporadic inclusion-body myositis  
AU Vattemi, Gaetano; Engel, W. King; McFerrin, Janis; Buxbaum, Joseph D.; Pastorino, Lucia; Askanas, Valerie  
CS USC Neuromuscular Center, Department of Neurology, University of Southern California Keck School of Medicine, Good Samaritan Hospital, Los Angeles, CA, USA  
SO Lancet (2001), 358(9297), 1962-1964  
CODEN: LANCAO; ISSN: 0140-6736  
PB Lancet Ltd.  
DT Journal  
LA English  
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 17 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:888414 CAPLUS  
DN 136:132954  
TI Alzheimer's .beta.-secretase, .beta.-site \*\*\*amyloid\*\*\* precursor protein-cleaving enzyme, is responsible for cleavage secretion of a Golgi-resident sialyltransferase  
AU Kitazume, Shinobu; Tachida, Yuriko; Oka, Ritsuko; Shirotani, Keiro; Saido, Takaomi C.; Hashimoto, Yasuhiro  
CS Glyco-chain Functions Laboratory, Supra-biomolecular System Group, Frontier Research System, wako, 351-0198, Japan  
SO Proceedings of the National Academy of Sciences of the United States of America (2001), 98(24), 13554-13559  
CODEN: PNASA6; ISSN: 0027-8424  
PB National Academy of Sciences  
DT Journal  
LA English  
RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 18 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:846151 CAPLUS  
DN 136:100021  
TI The .beta.-secretase, BACE. A prime drug target for Alzheimer's disease  
AU Vassar, Robert  
CS Department of Cell and Molecular Biology, Northwestern University Medical School, Chicago, IL, 60611, USA  
SO Journal of Molecular Neuroscience (2001), 17(2), 157-170  
CODEN: JMNEES; ISSN: 0895-8696  
PB Humana Press Inc.  
DT Journal; General Review  
LA English  
RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 19 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:728889 CAPLUS  
DN 136:17205  
TI The transmembrane domain of the Alzheimer's .beta.-secretase (\*\*\*BACE1\*\*\*) determines its late Golgi localization and access to .beta.-\*\*\*amyloid\*\*\* precursor protein (APP) substrate

AU Yan, Riqiang; Han, Ping; Miao, Huiyi; Greengard, Paul; Xu, Huxi  
CS Department of Cell & Molecular Biology, Pharmacia Corporation, Kalamazoo,  
MI, 49007, USA  
SO Journal of Biological Chemistry (2001), 276(39), 36788-36796  
CODEN: JBCHA3; ISSN: 0021-9258  
PB American Society for Biochemistry and Molecular Biology  
DT Journal  
LA English  
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 20 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:678676 CAPLUS  
DN 135:340729  
TI BACE2 functions as an alternative .alpha.-secretase in cells  
AU Yan, Riqiang; Munzner, Jennifer B.; Shuck, Mary E.; Bienkowski, Michael J.  
CS Department of Cell and Molecular Biology, Pharmacia Corporation,  
Kalamazoo, MI, 49007, USA  
SO Journal of Biological Chemistry (2001), 276(36), 34019-34027  
CODEN: JBCHA3; ISSN: 0021-9258  
PB American Society for Biochemistry and Molecular Biology  
DT Journal  
LA English  
RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 21 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:653815 CAPLUS  
DN 135:328518  
TI Compartmentalization of .beta.-secretase (Asp2) into low-buoyant density,  
noncaveolar lipid rafts  
AU Riddell, D. R.; Christie, G.; Hussain, I.; Dingwall, C.  
CS Neurology Centre of Excellence for Drug Discovery, GlaxoSmithKline,  
Harlow, CM19 5AW, UK  
SO Current Biology (2001), 11(16), 1288-1293  
CODEN: CUBLE2; ISSN: 0960-9822  
PB Cell Press  
DT Journal  
LA English  
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 22 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:522995 CAPLUS  
DN 136:240881  
TI Human .beta.-secretase and Alzheimer's disease  
AU Citron, Martin  
CS Department of Neuroscience, Amgen, Inc., Thousand Oaks, CA, 91320, USA  
SO Expert Opinion on Therapeutic Targets (2001), 5(3), 341-348  
CODEN: EOTTAO; ISSN: 1472-8222  
PB Ashley Publications Ltd.  
DT Journal; General Review  
LA English  
RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 23 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:511993 CAPLUS  
DN 136:116680  
TI Association studies using novel polymorphisms in \*\*\*BACE1\*\*\* and BACE2  
AU Nowotny, Petra; Kwon, Jennifer M.; Chakraverty, Sumi; Nowotny, Volker;  
Morris, John C.; Goate, Alison M.  
CS Department of Psychiatry (88134), Washington University School of  
Medicine, St. Louis, MO, 63110-1093, USA  
SO NeuroReport (2001), 12(9), 1799-1802  
CODEN: NERPEZ; ISSN: 0959-4965  
PB Lippincott Williams & Wilkins  
DT Journal  
LA English  
RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 24 OF 26 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:159879 CAPLUS  
DN 134:339104  
TI \*\*\*BACE1\*\*\* is the major .beta.-secretase for generation of A.beta.

peptides by neurons  
 AU Cai, Huaibin; Wang, Yanshu; McCarthy, Diane; Wen, Hongjin; Schelt, David  
 R.; Price, Donald L.; Wong, Philip C.  
 CS Department of Pathology, The Johns Hopkins University School of Medicine,  
 Baltimore, MD, 21205, USA  
 SO Nature Neuroscience (2001), 4(3), 233-234  
 CODEN: NANEFN; ISSN: 1097-6256  
 PB Nature America Inc.  
 DT Journal  
 LA English  
 RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 25 OF 26 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:159878 CAPLUS  
 DN 134:339103  
 TI Mice deficient in \*\*\*BACE1\*\*\*, the Alzheimer's .beta.-secretase, have  
 normal phenotype and abolished .beta.- \*\*\*amyloid\*\*\* generation  
 AU Luo, Yi; Bolon, Brad; Kahn, Steve; Bennett, Brian D.; Babu-Khan, Safura;  
 Denis, Paul; Fan, Wei; Kha, Hue; Zhang, Jianhua; Gong, Yunhua; Martin,  
 Laura; Louis, Jean-Claude; Yan, Qiao; Richards, William G.; Citron,  
 Martin; Vassar, Robert  
 CS Amgen, Thousand Oaks, CA, 91320, USA  
 SO Nature Neuroscience (2001), 4(3), 231-232  
 CODEN: NANEFN; ISSN: 1097-6256  
 PB Nature America Inc.  
 DT Journal  
 LA English  
 RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 26 OF 26 CAPLUS COPYRIGHT 2003 ACS  
 AN 2000:603461 CAPLUS  
 DN 133:280000  
 TI BACE2, a .beta.-secretase homolog, cleaves at the .beta. site and within  
 the \*\*\*amyloid\*\*\* -.beta. region of the \*\*\*amyloid\*\*\* -.beta.  
 precursor protein  
 AU Farzan, Michael; Schnitzler, Christine E.; Vasilieva, Natalya; Leung,  
 Doris; Choe, Hyeryun  
 CS Department of Cancer Immunology and AIDS, Dana-Farber Cancer Institute,  
 Boston, MA, 02115, USA  
 SO Proceedings of the National Academy of Sciences of the United States of  
 America (2000), 97(17), 9712-9717  
 CODEN: PNASA6; ISSN: 0027-8424  
 PB National Academy of Sciences  
 DT Journal  
 LA English  
 RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file MEDLINE

=> s beta-site APP-cleaving enzyme 1

443786 BETA  
 426 BETAS  
 443860 BETA  
 (BETA OR BETAS)  
 337459 SITE  
 364566 SITES  
 595304 SITE  
 (SITE OR SITES)  
 4541 APP  
 252 APPS  
 4599 APP  
 (APP OR APPS)  
 4808 CLEAVING  
 515388 ENZYME  
 182231 ENZYMES  
 627221 ENZYME  
 (ENZYME OR ENZYMES)  
 2935532 1

L4 69 BETA-SITE APP-CLEAVING ENZYME 1  
 (BETA(W)SITE(W)APP(W)CLEAVING(W)ENZYME(W)1)

=> S L4 AND amyloid  
 20606 AMYLOID

177 AMYLOIDS  
20627 AMYLOID  
(AMYLOID OR AMYLOIDS)  
L5 63 L4 AND AMYLOID

=> S L5 AND antibody  
404664 ANTIBODY  
420532 ANTIBODIES  
625542 ANTIBODY  
(ANTIBODY OR ANTIBODIES)  
L6 7 L5 AND ANTIBODY

=> D L6 1-7

L6 ANSWER 1 OF 7 MEDLINE  
AN 2002464035 MEDLINE  
DN 22211344 PubMed ID: 12223024  
TI Beta-secretase protein and activity are increased in the neocortex in Alzheimer disease.  
CM Comment in: Arch Neurol. 2002 Sep;59(9):1367-8  
AU Fukumoto Hiroaki; Cheung Bonnie S; Hyman Bradley T; Irizarry Michael C  
CS Alzheimer Disease Research Unit, Center for Aging, Genetics, and Neurodegeneration, Massachusetts General Hospital-East, Bldg 114, Room 2010, 114 16th Street, Charlestown, MA 02129, USA.  
NC AG00793 (NIA)  
AG05134 (NIA)  
MH/NS 31862 (NIMH)  
SO ARCHIVES OF NEUROLOGY, (2002 Sep) 59 (9) 1381-9.  
Journal code: 0372436. ISSN: 0003-9942.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 200210  
ED Entered STN: 20020912  
Last Updated on STN: 20021008  
Entered Medline: 20021007

L6 ANSWER 2 OF 7 MEDLINE  
AN 2002154744 MEDLINE  
DN 21883950 PubMed ID: 11779865  
TI Endosomal proteolysis of internalized insulin at the C-terminal region of the B chain by cathepsin D.  
AU Authier Francois; Metioui Mourad; Fabrega Sylvie; Kouach Mostafa; Briand Gilbert  
CS INSERM U510, Faculte de Pharmacie Paris XI, 92296 Chatenay-Malabry, France.. francois.authier@cep.u-psud.fr  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Mar 15) 277 (11) 9437-46.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200204  
ED Entered STN: 20020312  
Last Updated on STN: 20030105  
Entered Medline: 20020405

L6 ANSWER 3 OF 7 MEDLINE  
AN 2002088343 MEDLINE  
DN 21591165 PubMed ID: 11816797  
TI Potential treatment opportunities for Alzheimer's disease through inhibition of secretases and Abeta immunization.  
AU Schenk D; Games D; Seubert P  
CS Elan Pharmaceuticals, San Francisco, CA 94080, USA..  
dale.schenk@elancorp.com  
SO JOURNAL OF MOLECULAR NEUROSCIENCE, (2001 Oct) 17 (2) 259-67. Ref: 63  
Journal code: 9002991. ISSN: 0895-8696.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 200205  
ED Entered STN: 20020131

- L6 ANSWER 4 OF 7 MEDLINE  
AN 2001699271 MEDLINE  
DN 21615400 PubMed ID: 11747923  
TI Presence of BACE1 and BACE2 in muscle fibres of patients with sporadic inclusion-body myositis.  
AU Vatterli G; Engel W K; McFerrin J; Buxbaum J D; Pastorino L; Askanas V  
NC AG16768 (NIA)  
AG4996 (NIA)  
SO LANCET, (2001 Dec 8) 358 (9297) 1962-4.  
Journal code: 2985213R. ISSN: 0140-6736.  
CY England: United Kingdom  
DT Letter  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 200201  
ED Entered STN: 20011219  
Last Updated on STN: 20020125  
Entered Medline: 20020117
- L6 ANSWER 5 OF 7 MEDLINE  
AN 2001286972 MEDLINE  
DN 21179133 PubMed ID: 11152688  
TI Post-translational processing of beta-secretase (beta- \*\*\*amyloid\*\*\*  
-converting enzyme) and its ectodomain shedding. The pro- and  
transmembrane/cytosolic domains affect its cellular activity and  
\*\*\*amyloid\*\*\* -beta production.  
AU Benjannet S; Elagöz A; Wickham L; Mamarbachi M; Munzer J S; Basak A;  
Lazure C; Cromlish J A; Sisodia S; Checler F; Chretien M; Seidah N G  
CS Biochemical Neuroendocrinology, Clinical Research Institute of Montreal,  
Montreal, Quebec H2W 1R7, Canada.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Apr 6) 276 (14) 10879-87.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200105  
ED Entered STN: 20010529  
Last Updated on STN: 20030105  
Entered Medline: 20010524
- L6 ANSWER 6 OF 7 MEDLINE  
AN 2001251125 MEDLINE  
DN 21226693 PubMed ID: 11278841  
TI Phosphorylation regulates intracellular trafficking of beta-secretase.  
AU Walter J; Fluhrer R; Hartung B; Willem M; Kaether C; Capell A; Lammich S;  
Multhaup G; Haass C  
CS Adolf Butenandt-Institute, Department of Biochemistry, Laboratory for  
Alzheimer's and Parkinson's Disease Research, Ludwig-Maximilians-  
University, 44 Schillerstrasse, 80336 Munich, Germany..  
jwalter@pbm.med.uni-muenchen.de  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 May 4) 276 (18) 14634-41.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200106  
ED Entered STN: 20010702  
Last Updated on STN: 20030105  
Entered Medline: 20010628
- L6 ANSWER 7 OF 7 MEDLINE  
AN 2000144060 MEDLINE  
DN 20144060 PubMed ID: 10677483  
TI Human aspartic protease memapsin 2 cleaves the beta-secretase site of  
beta- \*\*\*amyloid\*\*\* precursor protein.  
AU Lin X; Koelsch G; Wu S; Downs D; Dashti A; Tang J  
CS Protein Studies Program, Oklahoma Medical Research Foundation, and  
Department of Biochemistry, University of Oklahoma Health Sciences Center,  
Oklahoma City, OK 73104, USA.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, (2000 Feb 15) 97 (4) 1456-60.

CY Journal code: 7505876. ISSN: 0027-8424.  
DT United States  
LA Journal; Article; (JOURNAL ARTICLE)  
FS English  
OS Priority Journals  
EM GENBANK-AF200192; GENBANK-AF200193  
ED 200003  
Entered STN: 20000330  
Last Updated on STN: 20020917  
Entered Medline: 20000323

=> S BACE1  
L7 19 BACE1

=> D L7 1-19

L7 ANSWER 1 OF 19 MEDLINE  
AN 2003023375 MEDLINE  
DN 22403954 PubMed ID: 12515826  
TI Amyloidogenic processing of the Alzheimer beta-amyloid precursor protein depends on lipid rafts.  
AU Ehehalt Robert; Keller Patrick; Haass Christian; Thiele Christoph; Simons Kai  
CS Max Planck Institute of Molecular Cell Biology and Genetics, D-01307 Dresden, Germany.  
SO JOURNAL OF CELL BIOLOGY, (2003 Jan 6) 160 (1) 113-23.  
Journal code: 0375356. ISSN: 0021-9525.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200302  
ED Entered STN: 20030118  
Last Updated on STN: 20030211  
Entered Medline: 20030210

L7 ANSWER 2 OF 19 MEDLINE  
AN 2003003460 IN-PROCESS  
DN 22397635 PubMed ID: 12509807  
TI Astrocytic expression of the Alzheimer's disease beta-secretase ( \*\*\*BACE1\*\*\* ) is stimulus-dependent.  
AU Hartlage-Rubsamen Maike; Zeitschel Ulrike; Apelt Jenny; Gartner Ulrich; Franke Heike; Stahl Tobias; Gunther Albrecht; Schliebs Reinhard; Penkowa Milena; Bigl Volker; Rossner Steffen  
CS Department of Neurochemistry, Paul Flechsig Institute for Brain Research, University of Leipzig, Leipzig, Germany.  
SO GLIA, (2003 Jan 15) 41 (2) 169-79.  
Journal code: 8806785. ISSN: 0894-1491.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS IN-PROCESS; NONINDEXED; Priority Journals  
ED Entered STN: 20030103  
Last Updated on STN: 20030103

L7 ANSWER 3 OF 19 MEDLINE  
AN 2002714209 MEDLINE  
DN 22310949 PubMed ID: 12423367  
TI Enzymic properties of recombinant BACE2.  
AU Kim Yong-Tae; Downs Deborah; Wu Shili; Dashti Azar; Pan Yujun; Zhai Peng; Wang Xinjuan; Zhang Xuejun C; Lin Xinli  
CS Functional Proteomics Laboratory and Crystallography Program, Oklahoma Medical Research Foundation, Oklahoma City, OK 73104, USA.  
NC R01-AI46298 (NIAID)  
SO EUROPEAN JOURNAL OF BIOCHEMISTRY, (2002 Nov) 269 (22) 5668-77.  
Journal code: 0107600. ISSN: 0014-2956.  
CY Germany: Germany, Federal Republic of  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200301  
ED Entered STN: 20021217  
Last Updated on STN: 20030115  
Entered Medline: 20030114

L7 ANSWER 4 OF 19 MEDLINE  
AN 2002709467 IN-PROCESS  
DN 22359439 PubMed ID: 12470797  
TI Emerging Alzheimer's disease therapies: inhibition of beta-secretase.  
AU Citron Martin  
CS Department of Neuroscience, M/S 29-2-B, Amgen Inc., One Amgen Center  
Drive, 91320, Thousand Oaks, CA, USA.  
SO NEUROBIOLOGY OF AGING, (2002 Nov-Dec) 23 (6) 1017-22.  
Journal code: 8100437. ISSN: 0197-4580.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS IN-PROCESS; NONINDEXED; Priority Journals  
ED Entered STN: 20021217  
Last Updated on STN: 20021217

L7 ANSWER 5 OF 19 MEDLINE  
AN 2002691836 IN-PROCESS  
DN 22340374 PubMed ID: 12453676  
TI beta-Secretase (BACE) as a drug target for alzheimer's disease.  
AU Vassar Robert  
CS Northwestern University Medical School, Department of Cell and Molecular  
Biology, 303 East Chicago Avenue, 60611, Chicago, IL, USA.  
SO Adv Drug Deliv Rev, (2002 Dec 7) 54 (12) 1589-602.  
Journal code: 8710523. ISSN: 0169-409X.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS IN-PROCESS; NONINDEXED; Priority Journals  
ED Entered STN: 20021214  
Last Updated on STN: 20021214

L7 ANSWER 6 OF 19 MEDLINE  
AN 2002632809 MEDLINE  
DN 22278746 PubMed ID: 12391600  
TI Beta-secretase as a target for the treatment of Alzheimer's disease.  
AU Citron Martin  
CS Department of Neuroscience, Amgen Inc, Thousand Oaks, California 91320,  
USA.. mcitron@amgen.com  
SO JOURNAL OF NEUROSCIENCE RESEARCH, (2002 Nov 1) 70 (3) 373-9. Ref: 40  
Journal code: 7600111. ISSN: 0360-4012.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 200212  
ED Entered STN: 20021023  
Last Updated on STN: 20021218  
Entered Medline: 20021213

L7 ANSWER 7 OF 19 MEDLINE  
AN 2002312706 MEDLINE  
DN 22050120 PubMed ID: 12054507  
TI \*\*\*BACE1\*\*\* interacts with nicastrin.  
AU Hattori Chinatsu; Asai Masashi; Oma Yoko; Kino Yoshihiro; Sasagawa Noboru;  
Saido Takaomi C; Maruyama Kei; Ishiura Shoichi  
CS Department of Life Sciences, Graduate School of Arts and Sciences,  
University of Tokyo, Meguro-ku, Tokyo 153-8902, Japan.  
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2002 May 17) 293 (4)  
1228-32.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200206  
ED Entered STN: 20020611  
Last Updated on STN: 20020629  
Entered Medline: 20020628

L7 ANSWER 8 OF 19 MEDLINE  
AN 2002311107 MEDLINE  
DN 22049977 PubMed ID: 12054559  
TI Splice variants of the beta-site APP-cleaving enzyme \*\*\*BACE1\*\*\* in



human brain and pancreas.  
AU Ehehalt Robert; Michel Beauregard; De Pietri Tonelli Davide; Zaccaretti Daniele;  
Simons Kai; Keller Patrick  
CS Max Planck Institute of Molecular Cell Biology and Genetics,  
Pfotenhauerstrasse 108, D-01307 Dresden, Germany.  
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2002 Apr 26) 293 (1)  
30-7.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200207  
ED Entered STN: 20020611  
Last Updated on STN: 20020707  
Entered Medline: 20020705

L7 ANSWER 9 OF 19 MEDLINE  
AN 2002229593 MEDLINE  
DN 21963781 PubMed ID: 11966460  
TI Inhibition of BACE, a promising approach to Alzheimer's disease therapy.  
AU Roggo Silvio  
CS Therapeutic Area Nervous System, Pharma Research, Novartis Pharma AG,  
WSJ-507.605A, Lichtstrasse 35, CH-4056 Basel, Switzerland..  
silvio.roggo@pharma.novartis.com  
SO Curr Top Med Chem, (2002 Apr) 2 (4) 359-70. Ref: 99  
Journal code: 101119673. ISSN: 1568-0266.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 200209  
ED Entered STN: 20020423  
Last Updated on STN: 20020913  
Entered Medline: 20020912

L7 ANSWER 10 OF 19 MEDLINE  
AN 2002088335 MEDLINE  
DN 21591157 PubMed ID: 11816789  
TI The beta-secretase, BACE: a prime drug target for Alzheimer's disease.  
AU Vassar R  
CS Northwestern University Medical School, Department of Cell and Molecular  
Biology, Chicago, IL 60611, USA.. r-vassar@northwestern.edu  
SO JOURNAL OF MOLECULAR NEUROSCIENCE, (2001 Oct) 17 (2) 157-70. Ref: 63  
Journal code: 9002991. ISSN: 0895-8696.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 200205  
ED Entered STN: 20020131  
Last Updated on STN: 20020508  
Entered Medline: 20020507

L7 ANSWER 11 OF 19 MEDLINE  
AN 2001699271 MEDLINE  
DN 21615400 PubMed ID: 11747923  
TI Presence of \*\*\*BACE1\*\*\* and BACE2 in muscle fibres of patients with  
sporadic inclusion-body myositis.  
AU Vattermi G; Engel W K; McFerrin J; Buxbaum J D; Pastorino L; Askanas V  
NC AG16768 (NIA)  
AG4996 (NIA)  
SO LANCET, (2001 Dec 8) 358 (9297) 1962-4.  
Journal code: 2985213R. ISSN: 0140-6736.  
CY England: United Kingdom  
DT Letter  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 200201  
ED Entered STN: 20011219  
Last Updated on STN: 20020125  
Entered Medline: 20020117

L7 ANSWER 12 OF 19 MEDLINE  
 AN 2001678602 MEDLINE  
 DN 21574546 PubMed ID: 11698669  
 TI Alzheimer's beta-secretase, beta-site amyloid precursor protein-cleaving enzyme, is responsible for cleavage secretion of a Golgi-resident sialyltransferase.  
 AU Kitazume S; Tachida Y; Oka R; Shirotani K; Saido T C; Hashimoto Y  
 CS Glyco-chain Functions Laboratory, Supra-biomolecular System Group, Frontier Research System, The Institute of Physical and Chemical Research (RIKEN), 2-1 Hirosawa, Wako-shi, Saitama 351-0198, Japan.  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (2001 Nov 20) 98 (24) 13554-9.  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200201  
 ED Entered STN: 20011129  
 Last Updated on STN: 20030105  
 Entered Medline: 20020108

L7 ANSWER 13 OF 19 MEDLINE  
 AN 2001522252 MEDLINE  
 DN 21453318 PubMed ID: 11466313  
 TI The transmembrane domain of the Alzheimer's beta-secretase ( \*\*\*BACE1\*\*\* ) determines its late Golgi localization and access to beta -amyloid precursor protein (APP) substrate.  
 AU Yan R; Han P; Miao H; Greengard P; Xu H  
 CS Department of Cell & Molecular Biology, Pharmacia Corporation, Kalamazoo, Michigan 49007, USA.. ryan@pharmacia.com  
 NC AG09464 (NIA)  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Sep 28) 276 (39) 36788-96.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200111  
 ED Entered STN: 20010925  
 Last Updated on STN: 20030105  
 Entered Medline: 20011101

L7 ANSWER 14 OF 19 MEDLINE  
 AN 2001490435 MEDLINE  
 DN 21423938 PubMed ID: 11423558  
 TI BACE2 functions as an alternative alpha-secretase in cells.  
 AU Yan R; Munzner J B; Shuck M E; Bienkowski M J  
 CS Department of Cell and Molecular Biology, Pharmacia Corporation, Kalamazoo, Michigan 49007, USA.. ryan@pharmacia.com  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Sep 7) 276 (36) 34019-27.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200110  
 ED Entered STN: 20010905  
 Last Updated on STN: 20030105  
 Entered Medline: 20011011

L7 ANSWER 15 OF 19 MEDLINE  
 AN 2001482544 MEDLINE  
 DN 21417181 PubMed ID: 11525745  
 TI Compartmentalization of beta-secretase (Asp2) into low-buoyant density, noncaveolar lipid rafts.  
 AU Riddell D R; Christie G; Hussain I; Dingwall C  
 CS Neurology Centre of Excellence for Drug Discovery, GlaxoSmithKline, New Frontiers Science Park, Third Avenue, Harlow CM19 5AW, United Kingdom.  
 SO CURRENT BIOLOGY, (2001 Aug 21) 11 (16) 1288-93.  
 Journal code: 9107782. ISSN: 0960-9822.  
 CY England: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals

EM 200112  
ED Entered STN: 20010830  
Last Updated on STN: 20020122  
Entered Medline: 20011207

L7 ANSWER 16 OF 19 MEDLINE  
AN 2001378624 MEDLINE  
DN 21329618 PubMed ID: 11435901  
TI Association studies using novel polymorphisms in \*\*\*BACE1\*\*\* and BACE2.  
AU Nowotny P; Kwon J M; Chakraverty S; Nowotny V; Morris J C; Goate A M  
CS Department of Psychiatry (B8134), Washington University School of Medicine, 660 S. Euclid, St. Louis, MO 63110-1093, USA.  
NC AG05681 (NIA)  
AG16208 (NIA)  
MH31302 (NIMH)  
SO NEUROREPORT, (2001 Jul 3) 12 (9) 1799-802.  
Journal code: 9100935. ISSN: 0959-4965.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200108  
ED Entered STN: 20010827  
Last Updated on STN: 20010827  
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L7 ANSWER 17 OF 19 MEDLINE  
AN 2001196664 MEDLINE  
DN 21127801 PubMed ID: 11224536  
TI \*\*\*BACE1\*\*\* is the major beta-secretase for generation of Abeta peptides by neurons.  
AU Cai H; Wang Y; McCarthy D; Wen H; Borchelt D R; Price D L; Wong P C  
CS Department of Pathology, The Johns Hopkins University School of Medicine, Baltimore, Maryland 21205, USA.  
NC 1P01 AG14248 (NIA)  
2P50 AG05146 (NIA)  
SO NATURE NEUROSCIENCE, (2001 Mar) 4 (3) 233-4.  
Journal code: 9809671. ISSN: 1097-6256.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200104  
ED Entered STN: 20010410  
Last Updated on STN: 20010410  
Entered Medline: 20010405

L7 ANSWER 18 OF 19 MEDLINE  
AN 2001196663 MEDLINE  
DN 21127800 PubMed ID: 11224535  
TI Mice deficient in \*\*\*BACE1\*\*\*, the Alzheimer's beta-secretase, have normal phenotype and abolished beta-amyloid generation.  
AU Luo Y; Bolon B; Kahn S; Bennett B D; Babu-Khan S; Denis P; Fan W; Kha H; Zhang J; Gong Y; Martin L; Louis J C; Yan Q; Richards W G; Citron M; Vassar R  
CS Amgen, One Amgen Center Drive, MS 29-2-B, Thousand Oaks, California 91320, USA.  
SO NATURE NEUROSCIENCE, (2001 Mar) 4 (3) 231-2.  
Journal code: 9809671. ISSN: 1097-6256.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200104  
ED Entered STN: 20010410  
Last Updated on STN: 20010410  
Entered Medline: 20010405

L7 ANSWER 19 OF 19 MEDLINE  
AN 93353621 MEDLINE  
DN 93353621 PubMed ID: 8350404  
TI Glycoprotein E1 of hog cholera virus expressed in insect cells protects swine from hog cholera.  
AU Hulst M M; Westra D F; Wensvoort G; Moormann R J  
CS Central Veterinary Institute, Virology Department, Lelystad, The

Netherlands.  
SO JOURNAL OF VIROLOGY, (1991 Sep) 67 (9) 5435-42.  
Journal code: 0113724. ISSN: 0022-538X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199309  
ED Entered STN: 19931001  
Last Updated on STN: 19931001  
Entered Medline: 19930913  
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